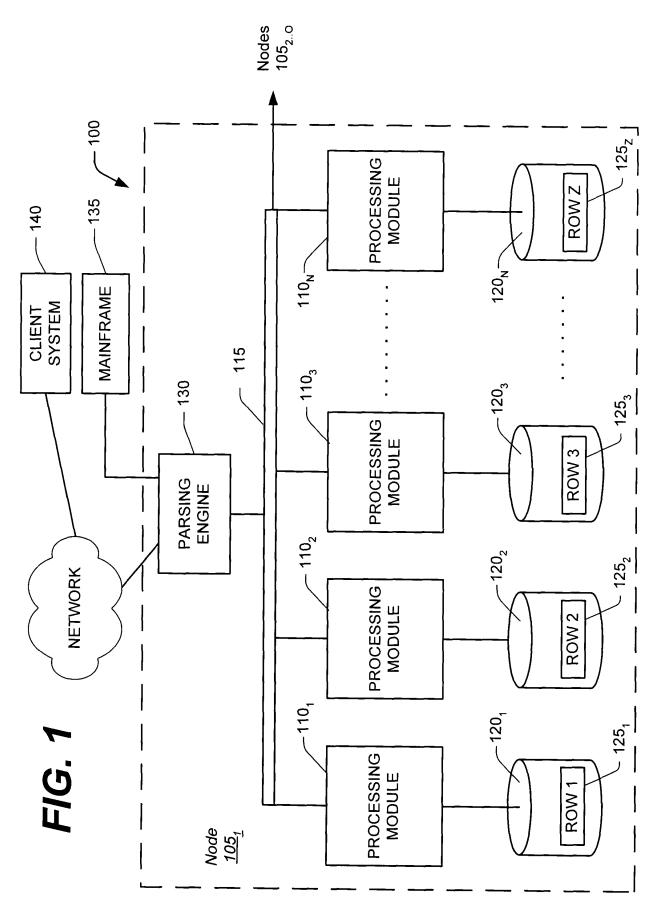
Express Mail #EV339222559US Filed: 09/12/03; File No. NCR 11092 Inventor: Ramesh, et al. For: Clustering Strings Contact: John D. Cowart/858-485-4903 Sheet 1 of 6



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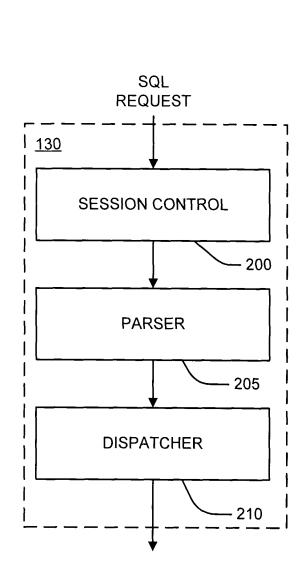


FIG. 2

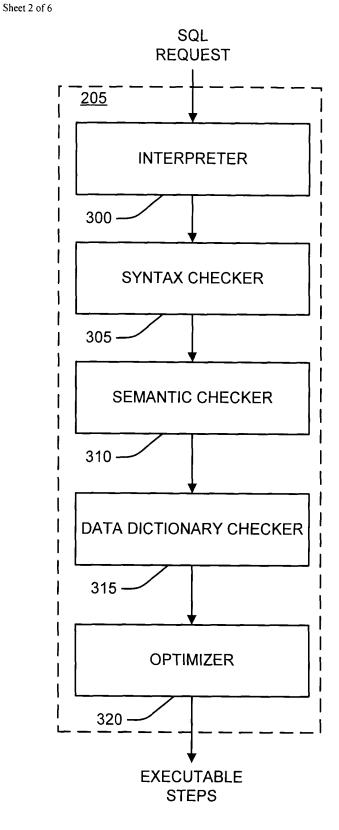


FIG. 3

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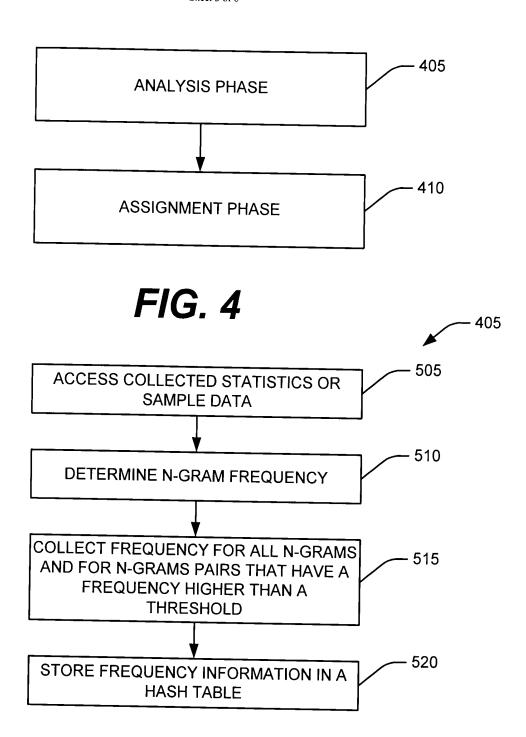


FIG. 5

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Contact: John D. Cowart/858-485-4903

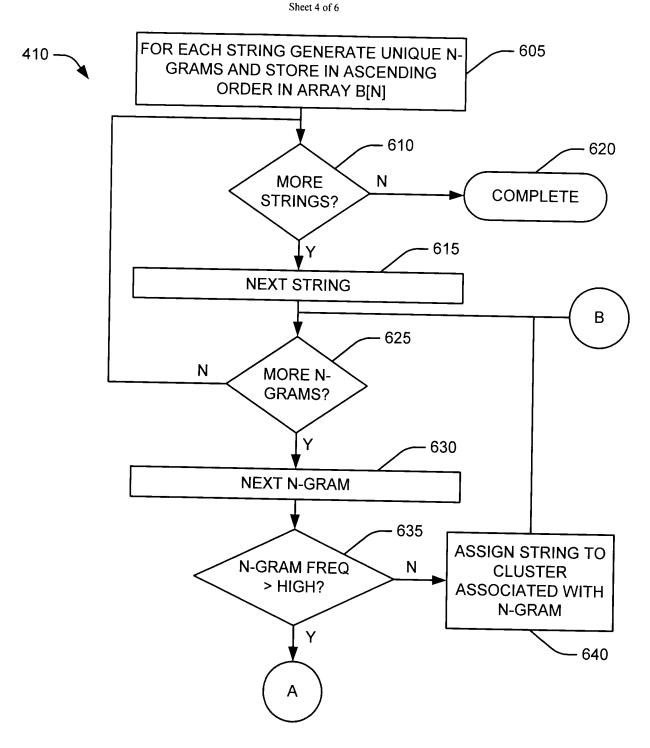


FIG. 6A

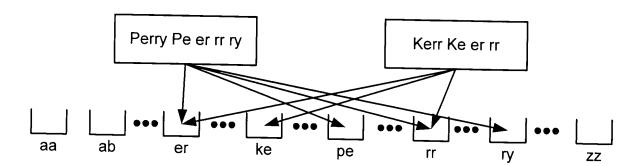
For: Clustering Strings Contact: John D. Cowart/858-485-4903 Sheet 5 of 6 Α 645 FOR EVERY OTHER N-GRAM IN THE **STRING** - 650 Ν **N-GRAM** FREQ > HIGH? - 670 655 ASSIGN STRING TO N-GRAM PAIR Ν **CLUSTER** IN FREQ MAP? **ASSOCIATED WITH** N-GRAM PAIR 660 FOR EVERY OTHER N-GRAM IN THE **STRING** 665 ASSIGN STRING TO CLUSTER ASSOCIATED WITH N-GRAM TRIPLE В

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Inventor: Ramesh, et al.

FIG. 6B

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FIG. 7

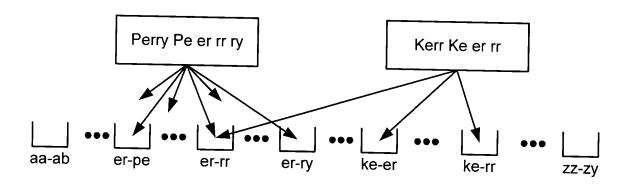


FIG. 8

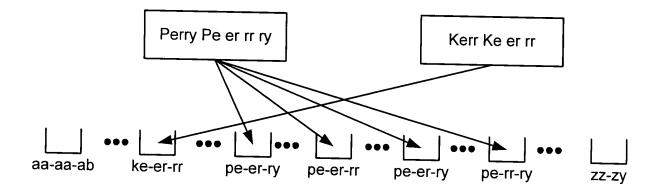


FIG. 9